

The background of the slide is a collage of various Crestron control panels. On the left, there's a vertical strip showing different panels: a 'PROFESSIONAL CONTROL' panel with buttons for 'DATA MENU', 'INFO', 'TEST', and '11/2 MS'; a panel with a large '12' button; and a panel with buttons for 'LIGHTS', 'SECURITY', 'HVAC', and 'DRAPER'. On the right, a large, stylized number '2001' is visible, with the '0' being particularly large and prominent. The overall color scheme is a mix of light beige and muted purple/blue tones.

# Crestron SmarTouch STS

## SMARTOUCH™ STS COMPLETE CONTROL SYSTEMS

### STS-C – SmarTouch™ Complete Control System Color Version



*SmarTouch™ STS is Crestron's revolutionary wireless control system that offers unprecedented performance and value. SmarTouch is a user friendly, radio frequency (RF) control system that is easy to install. The complete SmarTouch system costs less than most touchpanels alone.*

*The SmarTouch system is flexible enough to be a perfect fit for small to medium sized applications. Designed for boardrooms, conference centers, home theaters and more, SmarTouch STS makes the convenience of a control system an option in more installations than ever before. This complete control package includes the ST-1550C color touchpanel, ST-DS docking station, ST-CP control processor, and ST-BTP battery pack.*

#### Communications:

Radio Frequency (RF) . . . . .	1-way; 434MHz
Touchpanel Component . . . . .	ST-1550C wireless (RF) color LCD touchpanel included
Power Options . . . . .	(1) ST-BTP removable, rechargeable NiCad power pack included External, 12VDC, 1000mA AC adapter; included
Control Processor Component . . . . .	(1) ST-CP Control Processor included
Power Requirements . . . . .	External, 12VDC, 500mA AC adapter; included
Included. . . . .	ST-1550C Touchpanel, ST-CP Control Processor, ST-DS Docking Station and (2) STIRP Infrared probes

#### MODEL OPTIONS:

All the features of the STS-C, with the following exceptions:

<b>STSI-C</b> . . . . .	International version
Touchpanel Component:	
Power Options . . . . .	External, 12VDC, 1000mA AC adapter (220VAC compatible); included
Control Processor Component:	
Power Requirements . . . . .	External, 12VDC, 1000mA AC adapter (220VAC compatible); included

### STS – SmarTouch™ Complete Control System Grayscale Version



*This complete control package includes the ST-1550 grayscale touchpanel, ST-DS docking station, ST-CP control processor, and ST-BTP battery pack.*

Touchpanel Component . . . . .	ST-1550 wireless (RF) grayscale LCD touchpanel included
Power Options . . . . .	(1) ST-BTP removable, rechargeable NiCad power pack included External, 12VDC, 1000mA AC adapter; included
Control Processor Component . . . . .	(1) ST-CP Control Processor included
Power Requirements . . . . .	External, 12VDC, 500mA AC adapter; included
Included. . . . .	ST-1550 Touchpanel, ST-CP Control Processor, ST-DS Docking Station and (2) STIRP Infrared probes

#### MODEL OPTIONS:

All the features of the STS, with the following exceptions:

<b>STSI</b> . . . . .	International version
Touchpanel Component:	
Power Options . . . . .	External, 12VDC, 1000mA AC adapter (220VAC compatible); included
Control Processor Component:	
Power Requirements . . . . .	External, 12VDC, 1000mA AC adapter (220VAC compatible); included

## SMARTOUCH STS CONTROL PROCESSORS



### ST-CP – SmarTouch Control Processor

*The ST-CP is the control processor portion of the SmarTouch system. The ST-CP may be purchased separately for use in multiple rooms being controlled with one or many touchpanels without re-wiring. The ST-CP is an integrated stand alone control system capable of supporting any Cresnet device, touchpanels, etc. in an economical, compact package.*

Communications ..... Radio Frequency (RF); 1-way; 434MHz

Communications Ports:

- RF ..... (1) 50 ohms BNC connector; for use with antenna (included) alone or with standard 50 ohm extension cable (not included)
- NET ..... (1) 6-wire RJ-type connector; for expansion to SmarTouch peripherals, Cresnet devices, touchpanels and for programming the SmarTouch touchpanel
- PC ..... (1) 6-wire RJ-type connector for communicating to a PC computer when programming
- COM A – B ..... (2) 6-wire RJ-type connectors for controlling audio/visual devices via independent RS-232 ports (data rate up to 38,400 baud)
- IR OUT A – D ..... (4) RA, 3.5mm mini phone jacks for controlling additional audio/visual devices via IR, serial format; requires STIRP IR probe(s).  
The IR port can be used with TTL compatible serial interfaces/devices

LED Indicators:

- PWR ..... Indicates 12 or 24VDC power supplied to unit
- NET ..... Indicates command activity to Cresnet and SmarTouch peripherals or from PC
- RF ..... Indicates commands received from user interface (i.e., touchpanel)
- ERROR ..... Indicates programming problem
- COM A – B ..... Indicates communications occurring from unit's COM ports
- IR A – D ..... Indicates commands transmitted from unit's IR ports

Power Requirements ..... External, 12VDC, 500mA AC adapter; included

Enclosure ..... Black metal; stackable

Rack Mountable ..... With ST-RMK rack mount kit, not included

Dimensions (HxWxD) ..... 1 rack unit high, 1/2 rack unit wide  
1.70" (4.32cm) x 7.07" (17.95cm) x 6.32" (16.06cm)

Weight ..... 2.0lbs (0.95Kg)

#### MODEL OPTIONS:

All the features of the ST-CP, with the following exceptions:

**STI-CP** ..... International version

Power Options ..... External, 12VDC, 1000mA AC adapter (220VAC compatible), included

## SMARTOUCH STS EXPANSION MODULES

*SmarTouch STS expansion modules allow the addition of devices and control features, such as current sensing, to a SmarTouch system. Expansion is easy; up to (252) SmarTouch modules can be connected through the modules' network ports and are fully functional with any Cresnet system. The modules are located near the controlled devices and are connected to the Cresnet network up to 5000' away. All STS Expansion Modules are also completely compatible with all Crestron CNX control systems.*



### ST-CS – Dual Current Sensor Module

*The ST-CS provides power sensing to two individual 110/220V devices with a total power capacity of 10A. ST-CS gives discrete power on/off control for (IR) devices such as VCRs, DVD players and video projectors. The ST-CS guarantees that your controlled device is on when you want it on.*

#### Communications Port:

NET ..... (2) 6-wire RJ-type connectors for connection to the SmarTouch STS system, the Cresnet control system or additional modules

#### Connectors:

POWER A – B ..... (2) 3-prong socket connectors for connection to devices that need power sensing

POWER IN ..... (1) 3-prong plug on end of (approx. 6'/1.83m) cord; attached

#### LED Indicators:

PWR ..... Indicates 12 or 24VDC power supplied to unit

NET ..... Indicates command activity between unit and SmarTouch STS system or between unit and Cresnet control system

FULL (POWER A – B) ..... Indicates full load threshold exceeded (threshold is user-adjustable)

PARTIAL (POWER A – B) ..... Indicates partial load threshold exceeded (also user-adjustable)

#### Power:

Requirements ..... 12 or 24VDC

Options ..... External, 12VDC, 500mA AC adapter; included. 24VDC network power

Cresnet Power Factor ..... 3.0W

Max. AC Load ..... 10A, 1KW@120VAC

Min. AC Load ..... 0.033A, 4W@120VAC

Voltage Range ..... 0-220VAC, 45-65Hz

Enclosure ..... Black metal; stackable

Rack Mountable ..... With ST-RMK rack mount kit

Dimensions (HxWxD) ..... 1 rack unit high, 1/2 rack unit wide  
1.70" (4.32cm) x 7.07" (17.95cm) x 6.32" (16.06cm)

Weight ..... 2.8lbs (1.3Kg)

#### MODEL OPTIONS:

All the features of the ST-CS, with the following exceptions:

**STI-CS** ..... International version

POWER A – B ports ..... (2) international power cords (approx. 6') connected to unit

Power Options ..... External, 12VDC, 1000mA AC adapter (220VAC compatible); included

Max. AC Load ..... 6A, 1Kw@220VAC



### ST-IO – Input/Output Module

*The ST-IO provides eight relay outputs and four digital/voltage inputs. The (8) relays take care of control to low voltage contact closure devices such as lights, screens, drapes and AV switchers. The (4) digital inputs take a contact closure signal or an analog voltage and turn it into a command.*

#### Communications Ports:

- NET ..... (2) 6-wire RJ-type connectors for connection to the SmarTouch STS system or the Cresnet control system
- DIGITAL IN 1, 2, 3, 4 & G ..... (1) 5-pin connector used to detect digital input levels or analog input levels
- RELAY OUTPUT 1 – 8 ..... (1) 16-pin connector provides (8) relay contact pairs

#### LED Indicators:

- PWR ..... Indicates 12 or 24VDC power supplied to unit
- NET ..... Indicates command activity between unit and SmarTouch STS system or between unit and Cresnet control system
- INPUT 1 – 4 ..... Indicates signal to respective digital input is 'logic 1'
- RELAY 1 – 8 ..... Indicate respective relay is closed

#### Versiports:

- Input Threshold ..... Voltage mode: 2.0VDC (+/- 0.5)  
Closure mode: 2.0VDC (+/- 0.5)
- Input Voltage Range ..... Voltage mode: 0 to +24 VDC  
Closure mode: Not applicable
- Input Impedance ..... Voltage mode: 44K ohms to ground  
Closure mode: 1K to +5VDC
- Max. Rating per Relay ..... 1A, 30V AC or DC; 100µA, 100mV minimum

#### Power:

- Requirements ..... 12 or 24VDC
- Options ..... External, 12VDC, 500mA AC adapter, included; 24VDC network power
- Cresnet Power Factor ..... 6.0W

Enclosure ..... Black metal; stackable

Rack Mountable ..... With ST-RMK rack mount kit

Dimensions (HxWxD) ..... 1 rack unit high, 1/2 rack unit wide  
1.70" (4.32cm) x 7.07" (17.948cm) x 6.32" (16.06cm)

Weight ..... 2.2lbs (1.0Kg)

#### MODEL OPTIONS:

All the features of the ST-IO, with the following exceptions:

**STI-IO** ..... (International version)

Power Options ..... External, 12VDC, 1000mA AC adapter (220VAC compatible), included

## SMARTOUCH STS EXPANSION MODULES *continued*



### ST-VC – Volume Control Module

*The ST-VC is a digitally controlled 3-channel audio attenuator. Each channel has independent settings for volume, treble, bass and mute. ST-VC is ideally suited to provide full audio control for systems without an IR-controlled integrated receiver. Choose your mixer, preamp and amplifier, then add an ST-VC module to complete the system. In some applications ST-VC's separate control of treble and bass may even eliminate the need for a graphic equalizer.*

#### Communications Ports:

- NET . . . . . (2) 6-wire RJ-type connectors for connection to the SmartTouch STS system or the Cresnet control system
- CHANNELS A – C . . . . . Balanced/unbalanced IN ports connect to any device needing volume/tone control; balanced/unbalanced OUT ports connect to amplifier

#### LED Indicators:

- PWR . . . . . Indicates 12 or 24VDC power supplied to unit
- NET . . . . . Indicates command activity between unit and SmartTouch STS system or between unit and Cresnet control system
- V and T . . . . . Indicates Volume (V) or Tone (T) activity on any channel (A, B, C)

#### Power:

- Requirements . . . . . 12 or 24VDC
- Options . . . . . External, 12VDC, 500mA AC adapter; included. 24VDC network power
- Cresnet Power Factor . . . . . 6.0W

#### Volume (per channel):

- Input Impedance . . . . . 10K or 600 ohms
- Output Impedance . . . . . 10 ohms
- Input . . . . . Balanced or unbalanced
- Output . . . . . Balanced or unbalanced
- Total Harmonic Distortion . . . . . (THD) -85dB
- Hum and Noise . . . . . (ref. 0Dbv) -85dB
- Max. Input Level . . . . . (Flat mode) 4V rms
- Channel Separation . . . . . -90dB
- Attenuation Range . . . . . (excluding Mute) 0 to -76dB (max.)
- Mute . . . . . -104dB
- Frequency Response . . . . . 8Hz to 60KHz (-3dB minimum)

#### Tone (per channel):

- Flatness . . . . . (8 to 60KHz flat mode) +/- 0.2dB
- Bass Gain Range . . . . . (100Hz) +/- 12dB
- Bass Step Size . . . . . (100Hz) 2dB
- Treble Gain Range . . . . . (10KHz) +/- 12dB
- Treble Step Size . . . . . (10KHz) 2dB

- Enclosure . . . . . Black metal; stackable
- Rack Mountable . . . . . With ST-RMK rack mount kit
- Dimensions (HxWxD) . . . . . 1.70" (4.32cm) x 7.07" (17.95cm) x 6.32" (16.06cm)
- Weight . . . . . 2.2lbs (1.0Kg)

#### MODEL OPTIONS:

All the features of the ST-VC, with the following exceptions:

- STI-VC** . . . . . (International version)
- Power Options . . . . . External, 12VDC, 1000mA AC adapter (220VAC compatible); included

### ST-LT – Lutron® Interface Module



*The ST-LT provides a direct Cresnet interface to Lutron's GRAFIK EYE™ system. An additional RS-232 port is also included for interfacing to a PC running Lutron® control software. No additional interfaces are needed. ST-LT plugs directly into Lutron Mux Link, making the Lutron connection a snap!*

#### Communications:

NET .....	(2) 6-wire RJ-type connectors; for connection to the SmarTouch STS system or the Cresnet control system
RS-232 .....	(1) 9-Pin DB9 connector; Lutron-compatible; connects to PC running Lutron control software; equivalent to Lutron's GRX-AV-RS232 input
LUTRON MUX LINK .....	(1) 4-pin connector connects to Lutron Mux Link network

#### LED Indicators:

PWR .....	Indicates 12 or 24VDC power supplied to unit
NET .....	Indicates command activity between unit and SmarTouch STS system or between unit and Cresnet control system
CRESTRON SND .....	Indicates command sent from unit to Lutron Mux Link network
CRESTRON RCV .....	Indicates command sent to unit from Lutron Mux Link network
LUTRON CMD .....	Indicates command sent from Cresnet control system to Lutron Mux Link network
LUTRON POLL .....	Indicates Lutron Mux Link network polling
LUTRON PWR .....	Indicates voltage supplied from Lutron Mux Link network

#### Power:

Requirements .....	12 or 24VDC
Options .....	External, 12VDC, 500mA AC adapter; included 24VDC network power
Cresnet Power Factor .....	2.5W

Enclosure .....	Black metal; stackable
Rack Mountable .....	With ST-RMK rack mount kit
Dimensions (HxWxD) .....	1 rack unit high, 1/2 rack unit wide 1.70" (4.32cm) x 7.07" (17.95cm) x 6.32" (16.06cm)
Weight .....	2.1lbs (0.95Kg)

#### MODEL OPTIONS:

All the features of the ST-LT, with the following exceptions:

<b>STI-LT</b> .....	(International version)
Power Options .....	External, 12VDC, 1000mA AC adapter (220VAC compatible); included

## SMARTOUCH STS EXPANSION MODULES *continued*



### ST-COM – RS-232/422 COM Module

The ST-COM provides (2) independent bidirectional serial ports that support RS-232/422-based communication. ST-COM lets you add control for additional serial devices such as video projectors, AV switchers or other devices.

#### Communications:

- NET ..... (2) 6-wire RJ-type connectors; for connection to the SmarTouch STS system or the Cresnet control system
- COM A/B ..... (2) 9-pin, DB9 connectors; connect to serial equipment for RS-232/RS422 communication (data rate up to 115,200 baud)

#### LED Indicators:

- PWR ..... Indicates 12 or 24VDC power supplied to unit
- NET ..... Indicates command activity between unit and SmarTouch STS system or between unit and Cresnet control system
- RXD (COM A/B) ..... Indicates reception of data from serial devices attached to respective COM ports
- TXD (COM A/B) ..... Indicates transmission of data to serial devices attached to respective COM ports
- RTS (COM A/B) ..... Indicates when unit is ready to receive data (handshaking) from serial devices attached to respective COM ports
- CTS (COM A/B) ..... Indicates when serial device, on the respective COM port, is ready to accept data (handshaking) from the unit

#### Power:

- Requirements ..... 12 or 24VDC
- Options ..... External, 12VDC, 500mA AC adapter; included  
24VDC network power
- Cresnet Power Factor ..... 2.5W
- Enclosure ..... Black metal; stackable
- Rack Mountable ..... With ST-RMK rack mount kit
- Dimensions (HxWxD) ..... 1 rack unit high, 1/2 rack unit wide  
1.70" (4.32cm) x 7.07" (17.95cm) x 6.32" (16.06cm)
- Weight ..... 2.0lbs (0.9Kg)

#### MODEL OPTIONS:

All the features of the ST-COM, with the following exceptions:

- STI-COM** ..... International version
- Power Options ..... External, 12VDC, 1000mA AC adapter (220VAC compatible); included



### ST-VS – Video Sync Sensor Module

*The ST-VS is used to detect the presence of a video signal coming out of the baseband video port (typically the yellow RCA output jack on an A/V device) for up to four independent sources (ie. VCRs or TVs).*

#### Power:

Requirements . . . . . 12 or 24 VDC, Load Factor of 3W  
Cresnet Power Factor . . . . . 3W

#### Communications Ports:

NET . . . . . (2) 6-wire RJ-type connectors for connection to the SmarTouch STS System or the Cresnet control system  
VIDEO 1-4 . . . . . (4) sets of RCA connectors for connections to up to four independent sources that require sensing

#### LED Indicators:

PWR . . . . . Indicates 12 or 24VDC power supplied to unit  
NET . . . . . Indicates command activity between unit and SmarTouch STS system or between unit and Cresnet control system  
VIDEO 1-4 . . . . . Indicates a video signal on the respective VIDEO connector exceeds the minimum requirements for signal detection

#### Power:

Requirements . . . . . 12 or 24VDC  
Options . . . . . External, 12VDC, 500mA AC adapter, included; 24VDC network power  
Cresnet Power Factor . . . . . 3W

Enclosure . . . . . Black metal; stackable

Rack Mountable . . . . . With ST-RMK rack mount kit

Dimensions (HxWxD) . . . . . 1 rack unit high, 1/2 rack unit wide  
1.70" (4.32cm) x 7.07" (17.95cm) x 6.32" (16.06cm)

Weight . . . . . 1.92lbs (0.87Kg)

#### MODEL OPTIONS:

All the features of the ST-VS, with the following exceptions:

**STI-VS** . . . . . (International version)  
Power Options . . . . . External, 12VDC, 1000mA AC adapter (220VAC compatible), included

## SMARTOUCH STS EXPANSION MODULES *continued*

### ST-PC – Power Control Module



*The ST-PC provides (2) switchable AC outlets. Use it to remotely turn on/off rack power or control AV devices that have a "hard" ON/OFF switch.*

#### Connectors:

- NET ..... (2) 6-wire RJ-type connectors; for connection to the SmarTouch STS control system or to the Cresnet control system
- POWER A / POWER B ..... (2) 3-prong socket connector; for connection to any device needing its ON/OFF AC power controlled

#### Push Buttons:

- POWER A / POWER B ..... (2) momentary switches; when control system is inactive, switch toggles between two states; when control system is active, switch is under program control

#### LED Indicators:

- PWR ..... Indicates 12 or 24VDC power supplied to unit
- NET ..... Indicates command activity between unit and SmarTouch STS system or between unit and Cresnet control system
- POWER A, POWER B ..... Indicates that a controlled device plugged into respective 3-prong socket is ON

#### Power:

- Requirements ..... 12 or 24VDC
- Options ..... External, 12VDC, 500mA AC adapter; included. 24VDC network power
- Cresnet Power Factor ..... 4.0W
- Ratings (per relay) ..... 120VDC, 10A Tungsten Load
- Total Combined Unit Load ..... Not greater than 10A
- Enclosure ..... Black metal; stackable
- Rack Mountable ..... With ST-RMK rack mount kit
- Dimensions (HxWxD) ..... 1.70" (4.32cm) x 7.07" (17.95cm) x 6.32" (16.06cm)
- Weight ..... 2.7lbs (1.15Kg)

#### MODEL OPTIONS:

All the features of the ST-PC, with the following exceptions:

- STI-PC** ..... (International version)
- POWER A, POWER B ..... (2) international power cords (approx. 6') connected to unit
- Power Options ..... External, 12VDC, 1000mA AC adapter (220VAC compatible); included
- Rating (per relay) ..... 250VDC, 5A Tungsten Load
- Weight ..... 2.8lbs (1.30Kg)

## SMARTOUCH STS ACCESSORIES



### ST-DS – Docking Station/Charger

The ST-DS is a microprocessor based docking station for the ST-1550, ST-1550C and STX-1550C wireless touchpanels. The ST-DS can charge the ST-BTP in 2 hours.

Port:	DC power socket connector, used to supply power via external power pack
LED Indicators:	
External Power	Green LED illuminates when power is provided to the ST-DS via the specified external power pack
CHG (Charge)	Red LED illuminates when the ST-BTP is inserted into the ST-DS battery cavity and remains ON while the battery is charging. If the CHG LED blinks every second, it is in a "charge pending" state. When fast charging, the LED will remain ON
RDY (Ready)	Red LED illuminates when the ST-BTP in the ST-DS battery cavity is fully charged
Power	External power pack (Crestron PW-1215)
Connectors:	DC power socket connector used to supply power via the recommended external power pack
Dimensions (HxWxD)	6.76" (17.18cm) x 6.72" (17.06cm) x 0.94" (2.38cm)
Weight	1.01lbs (0.46Kg)

#### MODEL OPTIONS:

All the features of the ST-DS with the following exceptions:

<b>STI-DS</b>	International version, 220V For Models STI-1550, STI-1550C, STXI-1550C. Uses PWI-1215 power pack
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### ST-BTP Rechargeable Power Pack

This high-performance rechargeable power pack is designed to power the ST-1550, ST-1550C, STX-1550C and STX-1550CW wireless touchpanels. The unique design of the ST-BTP prevents it from being installed improperly, as it fits only one way into the battery compartment of the touchpanel.

Type	Removable, rechargeable NiCad
Dimensions (HxWxD)	1.16" (2.94cm) x 4.25" (10.78cm) x 2.28" (5.79cm)
Weight	0.79lbs (0.36Kg)



### ST-CNB – SmarTouch / Cresnet Terminal Expander

The ST-CNB converts the SmarTouch 6-wire RJ-type connectors to the 4-pin screw terminal connectors used on all Cresnet control network products. This conversion facilitates wiring for connecting SmarTouch expansion modules to the Cresnet control network.

Connectors:	
NET 1 - NET 2 (24, Y, Z, G)	(2) 4-pin Cresnet connectors; for expansion to network devices
NET 3 - NET 6	(4) SmarTouch STS 6-wire RJ-type connectors; for expansion to SmarTouch peripherals
LED Indicators:	
PWR	Indicates 24VDC supplied to one line
Enclosure	Black metal; (3) screw holes each in two metal feet; for added stability
Dimensions (HxWxD)	1.970" (5.00cm) x 4.25" (10.80cm) x 1.16" (2.95cm)
Weight	0.45lbs (0.2Kg)

## SMARTOUCH STS ACCESSORIES *continued*

### STIRP – Infrared (IR) Probe



One end of the STIRP attaches to the (IR) window of the controlled device; the other end plugs into one of four IR OUT ports on the back of the ST-CP control processor or ST-SPL Infrared Splitter on the SmartTouch STS control system.

Length .....	10' (3.05m) total
Accessories (included) .....	(1) piece double-backed tape; (1) opaque filter; window mask
Weight .....	0.08lbs (0.04Kg)

### ST-MB – “Master Blaster” Infrared (IR) Sprayer



The ST-MB sprays an IR signal, allowing more than one IR-controlled device to be controlled from a single IR OUT port on the ST-CP, CN-TVAV or CEN-TVAV control processor. The ST-MB consists of (2) components: a sprayer interconnect box and an emitter assembly.

Connectors:	
IR OUT .....	3.5mm mini phone jack; for connection to emitter component
IR IN .....	3.5mm mini phone jack; for connection to ST-CP control processor or to ST-SPL Infrared Splitter
Plug (on emitter) .....	RA; 3.5mm stereo plug with (1) hardwired cable (12'/3.66m); connects to IR-OUT connector on interconnect box
LED Indicators (on interconnect box):	
PWR .....	Indicates 12VDC power supplied to unit
IR-IN .....	Indicates that unit is receiving an (IR) signal
LED Indicators (on emitter):	
Emitter LED .....	Indicates that ST-MB has output an (IR) signal
Power:	
Requirements .....	12 or 24VDC
Options .....	External, 12VDC, 500mA adapter; included or 24VDC network power
Enclosure (interconnect box): .....	Black metal with (6) screw holes in two metal 'feet'
Enclosure (emitter): .....	Black metal and plastic face
Dimensions (interconnect box): .....	1.97"/5.00cm (H) x 3.25"/8.26cm (W) x 1.16"/2.95cm (D)
Dimensions (HxWxD) (emitter): .....	1.05"/2.67cm (H) x 1.13"/2.86cm (W) x 6.00"/15.24cm (D)
Weight (total) .....	0.45lbs (0.2Kg)

#### MODEL OPTIONS:

All the features of the ST-MB, with the following exceptions:

<b>STI-MB</b> .....	(International version)
Power Options .....	External, 12VDC, 1000mA adapter (220VAC compatible), included

## SMARTOUCH STS ACCESSORIES *continued*



### ST-SPL – Infrared (IR) Splitter

The ST-SPL splits one infrared (IR) port of an ST-CP, CN-TVAV or CEN-TVAV control processor into (5) ports, allowing control of up to (5) devices via multiple STIRP Infrared Probes.

**Connectors:**

- OUT ..... (5) RA, 3.5mm mini phone jack; for connection to any combination of STIRP Infrared Probes or ST-MB 'Master Blaster' Infrared Sprayers
- IN ..... (1) RA, 3.5mm mini phone jack; connects to IR OUT port on ST-CP using 6' cable; included

Enclosure ..... Black metal with (6) screw holes in two metal 'feet'

Dimensions (HxWxD) ..... 1.97" (5.00cm) x 3.25" (8.26cm) x 1.16" (2.95cm)

Weight ..... 0.35lbs (0.15Kg)



### ST-PK – Programming Kit

The ST-PK includes cables, connectors and Crestron's Windows-based VisionTools™ for Windows software, which includes SmarTouch™ Wizard and ST ProEditor software.

Software ..... Crestron VisionTools™ for Windows , latest version

**Cables:**

- Touchpanels to ST-CP ..... Used during programming only
- PC to ST-CP ..... Used during programming only

**Adapters:**

- RJ11 to DB9F ..... Used during programming only

### ST-RMK – Rack Mount Kit

The ST-RMK allows rack-mounting of one or two SmarTouch STS Expansion Modules and/or ST-CP control processor.

Components (included) ..... (1) rack mount tray; (1) front plate and bracket (to cover open gap if only one module is mounted)

Construction ..... Black steel

Dimensions (HxWxD) ..... 1.70" (4.32cm) x 19.00" (48.26cm) x 5.02" (12.74cm); occupies 1 rack unit

Weight ..... 2.4lbs (1.1Kg)

## SMARTOUCH STS ACCESSORIES *continued*

### ST-112 – Sony® Control-S Cable

*The ST-112 is designed from the SmartTouch STS system, and is used specifically to control Sony Ctrl-S devices.*

Connectors ..... 3.5mm (one end plugs into one of the ST-CP IR Out port, and the other end plugs into the Control S port of any Sony Ctrl-S device)  
Length ..... 15.0' (4.572m)

### STCP-501 – Interface Cable

*Adaptor Cable for ST-CP COM Port to any CNSP-XX RS-232 cable*

Connectors:  
COM ..... RJ11  
RS-232 ..... DB9M  
Length ..... 1.0' (30.5cm)

### ST-XX – Custom Serial Interface Cable

*Adaptor cable for ST-CP COM Port to RS-232 port of controlled device*

Connectors:  
COM ..... RJ11  
RS-232 ..... custom pinout and connector for controlled device  
Length ..... 15.0' (4.57 m)